

ABSTRACT OF THE DISCLOSURE

A to-be-cleaned substrate is cleaned by use of an acid liquid agent in a cleaning cup, the remaining acid liquid agent is washed out by use of pure water, then
5 an alkaline liquid agent is emitted to the surface of the to-be-cleaned substrate in the same cleaning cup to remove the acid liquid agent remaining on the to-be-cleaned substrate. A neutralization reaction between the acid and alkali is caused by emitting the alkaline
10 liquid agent to the surface of the to-be-cleaned substrate so as to efficiently remove the acid liquid agent remaining on the surface of the to-be-cleaned substrate.